

Express Mail No: EV 686 022 435 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gustafsson *et al.*

Application No.: To be Assigned, National
Stage of PCT/US2004/024752, filed July 30,
2004

Group Art Unit: To be Assigned

Filed: On even date herewith

Examiner: To be Assigned

For: SYSTEMS AND METHODS FOR
BIOPOLYMER ENGINEERINGAttorney Docket No.: 11548-002-999
(888651-999001)**TRANSMITTAL OF SEQUENCE LISTING UNDER 37 C.F.R. § 1.821**

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In connection with the above-identified application, Applicants submit herewith: (i) a Sequence Listing on two compact discs (CD-R) labeled "Copy 1" and "Copy 2" pursuant to 37 C.F.R. §§ 1.52(e) and 1.821(c); and (ii) another compact disc as a computer readable form of the Sequence Listing pursuant to 37 C.F.R. §§ 1.821(e) and 1.824.

Pursuant to 37 C.F.R. § 1.52(e)(3)(ii), Copy 1 and Copy 2 of the Sequence Listing are described as follows:

Copy 1:

Machine Format: IBM-PC
Operating System: Windows XP
File name: seq_listing_11548_002_999.txt
File Format: ASCII
Size: 8,192 bytes
Creation Date: January 30, 2006, and

Copy 2:

Machine Format: IBM-PC
Operating System: Windows XP
File name: seq_listing_11548_002_999.txt
File Format: ASCII
Size: 8,192 bytes
Creation Date: January 30, 2006.

10/566953

IAPO Rec'd PCT/PTO 31 JAN 2006

Copy 1 and Copy 2 of the Sequence Listing are identical.

Pursuant to 37 C.F.R. § 1.824, the computer readable form of the Sequence Listing is described as follows:

Computer Readable Copy (CRF):

Machine Format: IBM-PC

Operating System: Windows XP

File name: seq_listing_11548_002_999.txt

File Format: ASCII

Size: 8,192 bytes

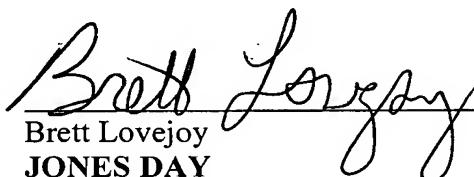
Creation Date: January 30, 2006

I hereby state that the sequence listing information recorded in computer readable form is identical to the compact disc sequence listing submitted herewith. Furthermore, I hereby state that the sequence listing submitted herewith does not go beyond the disclosure in international application PCT/US2004/024752 as filed and therefore the sequence listing adds no new matter to the instant application. The sequence listing submitted herewith presents the same sequences disclosed in the sequence listing submitted on December 15, 2004 in international application PCT/US2004/024752 in response to the Invitation to Furnish a Nucleotide and/or Amino Acid Sequence Listing Complying With Standard issued by the International Searching Authority on November 24, 2004.

No fees are believed due in connection with the filing of this transmittal. However, if the Patent Office determines that fees are due, please charge the required fees to Jones Day Deposit Account No. 50-3013.

Respectfully submitted,

Date: January 31, 2006


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Enclosures